

Appl. No. 09/698,362
Amld. dated August 15, 2003
Reply to Office Action of June 17, 2003

AMENDMENT OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method, comprising:
 - 2 establishing a packet-based call session with a remote party over an Internet Protocol network;
 - 4 receiving information associated with at least one physical attribute of the party during the packet-based call session;
 - 6 altering at least a portion of an image associated with the party information based on the received information; and
 - 8 displaying the altered image during the packet-based call session.
- 1 2. (Original) The method of claim 1, wherein receiving information associated with at least one physical attribute comprises receiving information associated with facial expressions of the party.
- 1 3. (Previously Presented) The method of claim 1, wherein receiving information associated with at least one physical attribute comprises receiving information associated with the lip movement of the party.
- 1 4. (Original) The method of claim 3, wherein altering at least a portion of an image comprises altering the lips of the image.
- 1 5. (Previously Presented) The method of claim 1, further comprising receiving at least one of a phone number and name associated with the packet-based call session.
- 1 6. (Original) The method of claim 1, wherein receiving information associated with at least one physical attribute comprises receiving a numeric value associated with one of a plurality of facial expressions.

Appl. No. 09/698,362
Amdt. dated August 15, 2003
Reply to Office Action of June 17, 2003

- 1 7. (Previously Presented) The method of claim 1, further comprising
2 receiving voice signals during the packet-based call session.

- 1 8. (Original) The method of claim 7, wherein displaying the altered image
2 comprises displaying an image of moving lips of the party that are substantially
3 synchronized with the voice signals.

- 1 9. (Previously Presented) The method of claim 1, wherein establishing the
2 packet-based call session over an Internet Protocol network comprises establishing the
3 packet-based call session over a wireless link.

- 1 10. (Previously Presented) An apparatus, comprising:
2 an interface adapted to receive voice information and animation
3 information in a call session with a party, wherein the animation information is
4 representative of a facial expression of the party;
5 at least one storage device to store:
6 an electronic representation of an image of the party; and
7 a controller adapted to:
8 communicate Session Initiation Protocol messaging over a packet-
9 based network to establish the call session;
10 animate at least a portion of the electronic representation of the
11 image based on the animation information; and
12 display the animated image during the call session.

- 1 11. (Previously Presented) The apparatus of claim 10, wherein the controller
2 is adapted to receive calling party information associated with the call session.

- 1 12. (Original) The apparatus of claim 11, wherein the controller is adapted to
2 access the image based on the calling party information.

Appl. No. 09/698,362
Arndt. dated August 15, 2003
Reply to Office Action of June 17, 2003

1 13. (Currently Amended) The apparatus of claim 10, wherein the controller is
2 adapted to animate a lips in the image that are substantially synchronized with the voice
3 information.

1 14. (Previously Presented) The apparatus of claim 10, wherein the animation
2 information comprises a numeric value associated with one of a plurality of facial
3 expressions.

1 15. (Original) The apparatus of claim 10, wherein the controller is adapted to:
2 track physical attributes of a user of the apparatus; and
3 map the physical attributes of the user to a selected value.

1 16. (Original) The apparatus of claim 15, wherein the controller is adapted to
2 transmit the selected value to a remote telecommunications device.

1 17. (Original) The apparatus of claim 12, wherein the controller is adapted to
2 receive the voice information over a wireless link.

1 18. (Previously Presented) An article comprising at least one machine-
2 readable storage medium containing instructions that when executed cause a processor to:
3 communicate Session Initiation Protocol messaging to establish a packet-
4 based call session;
5 receive a voice signal from a participant over a call session;
6 receive information representing at least a portion of a face of the
7 participant; and
8 animate an image based on the received information so that movement of
9 the face is substantially synchronized with the voice signal.

1 19. (Cancelled)

Appl. No. 09/698,362
Amtd. dated August 15, 2003
Reply to Office Action of June 17, 2003

1 20. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve the image from a storage device.

1 21. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve the image based on at least one of a phone
3 number and name of the participant.

1 22. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to retrieve mapping information in the call session,
3 wherein animating the image is based on the mapping information.

1 23. (Cancelled)

1 24. (Previously Presented) The article of claim 18, wherein the instructions
2 when executed cause the processor to display the animated image.

1 25. (Previously Presented) A data signal embodied in a carrier wave
2 comprising instructions that when executed cause a processor to:
3 receive remote party information associated with a call session established
4 over an Internet Protocol network;
5 receive voice information and mapping information during the call
6 session;
7 receive at least a facial image associated with the remote party
8 information; and
9 animate the facial image based on the mapping information and voice
10 information.

1 26. (Previously Presented) The data signal of claim 25, wherein the
2 instructions when executed cause the processor to receive one of a phone number and a
3 caller name associated with the remote party.

Appl. No. 09/698,362
Amdt. dated August 15, 2003
Reply to Office Action of June 17, 2003

1 27. (Previously Presented) The data signal of claim 25, wherein the
2 instructions when executed cause the processor to animate the lips of the facial image so
3 that the lips are substantially synchronized with the voice information.

1 28. (Previously Presented) The data signal of claim 25, wherein the
2 instructions when executed cause the processor to receive the image from a storage
3 device.

1 29. (Cancelled)

1 30. (Previously Presented) A communications system, comprising:
2 a first telecommunications device adapted to:
3 track at least one physical attribute of a participant;
4 associate the physical attribute to a selected value; and
5 transmit the selected value; and
6 a second telecommunications device capable of receiving the selected
7 value, the second telecommunications device adapted to:
8 establish a call session with the first telecommunications device
9 using Session Initiation Protocol messaging;
10 reconstruct the physical attribute of the participant based on an
11 image and the selected value; and
12 display the reconstructed image during the call session.

1 31. (Original) The communications system of claim 30, wherein the selected
2 value represents one of a plurality of facial expressions of the participant.

1 32. (Previously Presented) The communications system of claim 31, wherein
2 the first telecommunications device is adapted to transmit a voice signal in the call
3 session.

Appl. No. 09/698,362
Amtd. dated August 15, 2003
Reply to Office Action of June 17, 2003

1 33. (Original) The communications system of claim 32, wherein the
2 reconstructed image comprises an animated image of the lips of the participant
3 substantially synchronized with the voice signal.

1 34. (Cancelled)

1 35. (Previously Presented) An apparatus, comprising:
2 a video camera adapted to track at least one physical attribute of user; and
3 a controller adapted to:
4 establish a packet-based call session with a remote
5 telecommunications device over an Internet Protocol network;
6 determine animation information based on the at least one
7 physical attribute of the user; and
8 transmit the animation information to a remote
9 telecommunications device in the packet-based call session.

1 36. (Original) The apparatus of claim 35, wherein the at least one physical
2 attribute comprises facial expressions of the user.

1 37. (Original) The apparatus of claim 36, wherein each facial expression of
2 the user is assigned a selected value, where the selected value represents one of a
3 plurality of facial expressions.

1 38. (Original) The apparatus of claim 36, wherein the at least one physical
2 attribute comprises a pair of lips of the user.

1 39. (Previously Presented) The apparatus of claim 38, wherein the controller
2 is further adapted to transmit voice signals and wherein the animation information
3 represents the pair of lips being substantially synchronized with the voice signals.

Appl. No. 09/698,362
Arndt. dated August 15, 2003
Reply to Office Action of June 17, 2003

1 40. (Original) The apparatus of claim 35, wherein the remote
2 telecommunications device is a cellular phone.

1 41. (Previously Presented) The method of claim 1, wherein altering the at least
2 a portion of the image comprises animating the image.

1 42. (Previously Presented) The method of claim 41, wherein animating the
2 image based on the received information is based on information consuming less
3 bandwidth than video image data of the remote party.

1 43. (Previously Presented) The apparatus of claim 10, wherein the animation
2 information consumes less bandwidth than video image data representing the party.

1 44. (Previously Presented) The article of claim 18, wherein the received
2 information consumes less bandwidth than video image data representing the participant.

1 45. (Previously Presented) The data signal of claim 25, wherein the messaging
2 information consumes less bandwidth than video image data representing the remote
3 party.

1 46. (Previously Presented) The apparatus of claim 35, wherein the animation
2 information consumes less bandwidth than video image data representing the user.